

requested by a telephone call or a facsimile transmission of the corrected sheet of Fig. 2 submitted with the above-noted response.

Turning now to the pending prior art rejections: (1) claims 11-13, 19, 21-25, 31, 33, 34, 36, 38, 41, 43 stand rejected under 35 USC 103(a) as unpatentable over Chen et al. in view of Franger et al. and (2) claims 20, 32, 35, 37, 39, 40, 42, 44 stand rejected under 35 USC 103(a) as unpatentable over Chen et al. in view of Franger et al. further in view of the applicants admitted prior art. Reliance on Wang has been withdrawn.

The Applicants respectfully traverse these rejections based on the following points.

A. THE INVENTION

The advantages of the present invention are discussed in the Amendment filed January 26, 2005.

Both independent apparatus claim 11 and independent method claim 19 are directed to radio transmission wherein, first, error correction coding is performed on input data including a plurality of bits; then, the coded bits are interleaved; then, rate matching is performed including alternatively selecting

between (i) repeating a part of the interleaved bits and (ii) puncturing a part of the interleaved bits.

Claim 20 is directed to reception of data transmitted by the method of claim 19, including, first, alternatively selecting between repeating and puncturing bits, and, then, deinterleaving data.

Claim 35 is directed to receiving data transmitted by the method of claim 22, including, first, alternatively selecting between repeating and puncturing bits, and, then, deinterleaving data.

Both independent apparatus claim 23 and independent method 31 are directed to radio transmission wherein, first, error correction coding is performed on input data including a plurality of bits; then, the coded bits are interleaved; and then, rate matching is performed including repeating a part of the interleaved bits.

Claims 32 and 40 are directed to, first, receiving data transmitted by the methods of claim 31 and 34, respectively, then, puncturing bits, and then, deinterleaving the data.